

10/031297

Practitioner's Docket No. 525-022-4

CHAPTER II

Preliminary Classification:

Proposed Class:

Subclass:

NOTE: "All applicants are requested to include a preliminary classification on newly filed patent applications. The preliminary classification, preferably class and subclass designations, should be identified in the upper right-hand corner of the letter of transmittal accompanying the application papers, for example 'Proposed Class 2, subclass 129.'" M.P.E.P., § 601, 7th ed.

**TRANSMITTAL LETTER
TO THE UNITED STATES ELECTED OFFICE (EO/US)**

(ENTRY INTO U.S. NATIONAL PHASE UNDER CHAPTER II)

INTERNATIONAL APPLICATION NO.	INTERNATIONAL FILING DATE	PRIORITY DATE CLAIMED
PCT/SE00/01482	July 12, 2000	July 15, 1999
TITLE OF INVENTION		
INFORMATION CARRIER		
APPLICANT(S)		
Dani Duroj		

Box PCT
Assistant Commissioner for Patents
Washington D.C. 20231
ATTENTION: EO/US

CERTIFICATION UNDER 37 C.F.R. § 1.10*

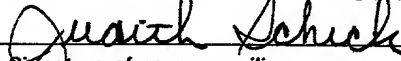
(Express Mail label number is mandatory.)

(Express Mail certification is optional.)

I hereby certify that this Transmittal Letter and the papers indicated as being transmitted therewith is being deposited with the United States Postal Service on this date January 14, 2002, in an envelope as "Express Mail Post Office to Addressee" Mailing Label Number EV005525138US, addressed to the: Assistant Commissioner for Patents, Washington, D.C. 20231.

Judith Schick

(type or print name of person mailing paper)



Signature of person mailing paper

WARNING: Certificate of mailing (first class) or facsimile transmission procedures of 37 C.F.R. § 1.8 cannot be used to obtain a date of mailing or transmission for this correspondence.

***WARNING:** Each paper or fee filed by "Express Mail" must have the number of the "Express Mail" mailing label placed thereon prior to mailing. 37 C.F.R. § 1.10(b).

"Since the filing of correspondence under § 1.10 without the Express Mail mailing label thereon is an oversight that can be avoided by the exercise of reasonable care, requests for waiver of this requirement will not be granted on petition." Notice of Oct. 24, 1996, 60 Fed. Reg. 56,439, at 56,442.

(Transmittal Letter to the United States Elected Office (EO/US) [13-18]—page 1 of 8)

NOTE: To avoid abandonment of the application, the applicant shall furnish to the USPTO, not later than 20 months from the priority date: (1) a copy of the international application, unless it has been previously communicated by the International Bureau or unless it was originally filed in the USPTO; and (2) the basic national fee (see 37 C.F.R. § 1.492(a)). The 30-month time limit may not be extended. 37 C.F.R. § 1.495.

WARNING: Where the items are those which can be submitted to complete the entry of the international application into the national phase are subsequent to 30 months from the priority date the application is still considered to be in the international state and if mailing procedures are utilized to obtain a date the express mail procedure of 37 C.F.R. § 1.10 must be used (since international application papers are not covered by an ordinary certificate of mailing—See 37 C.F.R. § 1.8.

NOTE: Documents and fees must be clearly identified as a submission to enter the national state under 35 U.S.C. § 371 otherwise the submission will be considered as being made under 35 U.S.C. § 111. 37 C.F.R. § 1.494(f)

I. Applicant herewith submits to the United States Elected Office (EO/US) the following items under 35 U.S.C. § 371:

- a. ☒ This express request to immediately begin national examination procedures (35 U.S.C. § 371(f)).
- b. ☒ The U.S. National Fee (35 U.S.C. § 371(c)(1)) and other fees (37 C.F.R. § 1.492) as indicated below:

2. Fees

CLAIMS FEE	(1) FOR	(2) NUMBER FILED	(3) NUMBER EXTRA	(4) RATE	(5) CALCULATIONS
<input checked="" type="checkbox"/> *	TOTAL CLAIMS	22-20=	2	× \$18.00=	\$ 36.00
	INDEPENDENT CLAIMS	2 -3=	0	× \$80.00=	-0-
	MULTIPLE DEPENDENT CLAIM(S) (if applicable) + \$270.00				
	BASIC FEE** <input type="checkbox"/> U.S. PTO WAS INTERNATIONAL PRELIMINARY EXAMINATION AUTHORITY Where an International preliminary examination fee as set forth in § 1.482 has been paid on the international application to the U.S. PTO: <div style="margin-left: 20px;"> <input type="checkbox"/> and the international preliminary examination report states that the criteria of novelty, inventive step (non-obviousness) and industrial activity, as defined in PCT Article 33(1) to (4) have been satisfied for all the claims presented in the application entering the national stage (37 C.F.R. § 1.492(a)(4)) \$100.00 <input type="checkbox"/> and the above requirements are not met (37 C.F.R. § 1.492(a)(1)) \$690.00 </div> <input checked="" type="checkbox"/> U.S. PTO WAS NOT INTERNATIONAL PRELIMINARY EXAMINATION AUTHORITY Where no international preliminary examination fee as set forth in § 1.482 has been paid to the U.S. PTO, and payment of an international search fee as set forth in § 1.445(a)(2) to the U.S. PTO: <div style="margin-left: 20px;"> <input type="checkbox"/> has been paid (37 C.F.R. § 1.492(a)(2)) \$710.00 <input checked="" type="checkbox"/> has not been paid (37 C.F.R. § 1.492(a)(3)) \$1000.00 <input type="checkbox"/> where a search report on the international application has been prepared by the European Patent Office or the Japanese Patent Office (37 C.F.R. § 1.492(a)(5)) \$860.00 </div>				
Total of above Calculations					=\$1,036.00
SMALL ENTITY	Reduction by 1/2 for filing by small entity, if applicable. Affidavit must be filed also. (note 37 C.F.R. § 1.9, 1.27, 1.28)				- 1/2 -
	Subtotal				\$1,036.00
	Total National Fee				\$ 1,036.00
	Fee for recording the enclosed assignment document \$40.00 (37 C.F.R. § 1.21(h)). (See Item 13 below). See attached "ASSIGNMENT COVER SHEET".				----
TOTAL	Total Fees enclosed				\$ 1,036.00

10/031297

531 Rec'd PTO

14 JAN 2002

*See attached Preliminary Amendment Reducing the Number of Claims.

- ☒ Attached is a ☒ check ☐ money order in the amount of \$ 1,036.00
- ☐ Authorization is hereby made to charge the amount of \$ _____
- ☐ to Deposit Account No. _____
- ☐ to Credit card as shown on the attached credit card information authorization form PTO-2038.

WARNING: Credit card information should **not** be included on this form as it may become public.

- ☒ Charge any additional fees required by this paper or credit any overpayment ~~in the manner authorized above~~ to Deposit Account No. 23-0442.

A duplicate of this paper is attached.

****WARNING:** "To avoid abandonment of the application the applicant shall furnish to the United States Patent and Trademark Office not later than the expiration of 30 months from the priority date: * * * (2) the basic national fee (see § 1.492(a)). The 30-month time limit may not be extended." 37 C.F.R. § 1.495(b).

WARNING: If the translation of the international application and/or the oath or declaration have not been submitted by the applicant within thirty (30) months from the priority date, such requirements may be met within a time period set by the Office. 37 C.F.R. § 1.495(b)(2). The payment of the surcharge set forth in § 1.492(e) is required as a condition for accepting the oath or declaration later than thirty (30) months after the priority date. The payment of the processing fee set forth in § 1.492(f) is required for acceptance of an English translation later than thirty (30) months after the priority date. Failure to comply with these requirements will result in abandonment of the application. The provisions of § 1.136 apply to the period which is set. Notice of Jan. 3, 1993, 1147 O.G. 29 to 40.

3. ☒ A copy of the International application as filed (35 U.S.C. § 371(c)(2)):

NOTE: Section 1.495 (b) was amended to require that the basic national fee and a copy of the international application must be filed with the Office by 30 months from the priority date to avoid abandonment. "The International Bureau normally provides the copy of the international application to the Office in accordance with PCT Article 20. At the same time, the International Bureau notifies applicant of the communication to the Office. In accordance with PCT Rule 47.1, that notice shall be accepted by all designated offices as conclusive evidence that the communication has duly taken place. Thus, if the applicant desires to enter the national stage, the applicant normally need only check to be sure the notice from the International Bureau has been received and then pay the basic national fee by 30 months from the priority date." Notice of Jan. 7, 1993, 1147 O.G. 29 to 40, at 35-36. See item 14c below.

- a. ☐ is transmitted herewith.
- b. ☐ is not required, as the application was filed with the United States Receiving Office.
- c. ☒ has been transmitted
- i. ☒ by the International Bureau.
Date of mailing of the application (from form PCT/1B/308):
Jan. 25, 2001
- ii. ☐ by applicant on _____. (Date)

4. ☒ A translation of the International application into the English language (35 U.S.C. § 371(c)(2)):

- a. ☐ is transmitted herewith.
- b. ☒ is not required as the application was filed in English.
- c. ☐ was previously transmitted by applicant on _____. (Date)
- d. ☐ will follow.

5. ☒ Amendments to the claims of the International application under PCT Article 19 (35 U.S.C. § 371(c)(3)):

NOTE: The Notice of January 7, 1993 points out that 37 C.F.R. § 1.495(a) was amended to clarify the existing and continuing practice that PCT Article 19 amendments must be submitted by 30 months from the priority date and this deadline may not be extended. The Notice further advises that: "The failure to do so will not result in loss of the subject matter of the PCT Article 19 amendments. Applicant may submit that subject matter in a preliminary amendment filed under section 1.121. In many cases, filing an amendment under section 1.121 is preferable since grammatical or idiomatic errors may be corrected." 1147 O.G. 29-40, at 36.

- a. ☐ are transmitted herewith.
- b. ☒ have been transmitted
 - i. ☒ by the International Bureau.
Date of mailing of the amendment (from form PCT/1B/308):
Oct. 12, 2001
 - ii. ☐ by applicant on _____. (Date)
- c. ☐ have not been transmitted as
 - i. ☐ applicant chose not to make amendments under PCT Article 19.
Date of mailing of Search Report (from form PCT/ISA/210.):

 - ii. ☐ the time limit for the submission of amendments has not yet expired.
The amendments or a statement that amendments have not been made will be transmitted before the expiration of the time limit under PCT Rule 46.1.

6. ☒ A translation of the amendments to the claims under PCT Article 19 (38 U.S.C. § 371(c)(3)):

- a. ☐ is transmitted herewith.
- b. ☒ is not required as the amendments were made in the English language.
- c. ☐ has not been transmitted for reasons indicated at point 5(c) above.

7. ☒ A copy of the international examination report (PCT/IPEA/409)

- ☒ is transmitted herewith.
- ☐ is not required as the application was filed with the United States Receiving Office.

8. ☒ Annex(es) to the international preliminary examination report

- a. ☒ is/are transmitted herewith.
- b. ☐ is/are not required as the application was filed with the United States Receiving Office.

9. ☒ A translation of the annexes to the international preliminary examination report

- a. ☐ is transmitted herewith.
- b. ☒ is not required as the annexes are in the English language.

10. ☒ An oath or declaration of the inventor (35 U.S.C. § 371(c)(4)) complying with 35 U.S.C. § 115

- a. ☐ was previously submitted by applicant on _____
Date
- b. ☐ is submitted herewith, and such oath or declaration
- i. ☐ is attached to the application.
- ii. ☐ identifies the application and any amendments under PCT Article 19 that were transmitted as stated in points 3(b) or 3(c) and 5(b); and states that they were reviewed by the inventor as required by 37 C.F.R. § 1.70.
- c. ☒ will follow.

II. Other document(s) or information included:

11. ☒ An International Search Report (PCT/ISA/210) or Declaration under PCT Article 17(2)(a):

- a. ☐ is transmitted herewith.
- b. ☒ has been transmitted by the International Bureau.
Date of mailing (from form PCT/IB/308): Jan 25, 2001
- c. ☐ is not required, as the application was searched by the United States International Searching Authority.
- d. ☐ will be transmitted promptly upon request.
- e. ☐ has been submitted by applicant on _____
Date

12. ☒ An Information Disclosure Statement under 37 C.F.R. §§ 1.97 and 1.98:

- a. ☒ is transmitted herewith.
Also transmitted herewith is/are:
- ☒ Form PTO-1449 (PTO/SB/08A and 08B).
- ☒ Copies of citations listed.
- b. ☐ will be transmitted within THREE MONTHS of the date of submission of requirements under 35 U.S.C. § 371(c).
- c. ☐ was previously submitted by applicant on _____
Date

13. ☐ An assignment document is transmitted herewith for recording.
A separate ☐ "COVER SHEET FOR ASSIGNMENT (DOCUMENT) ACCOMPANYING NEW PATENT APPLICATION" or ☐ FORM PTO 1595 is also attached.
- _____

14. ☒ Additional documents:
- a. ☐ Copy of request (PCT/RO/101)
 - b. ☒ International Publication No. WO 01/06342
 - i. ☒ Specification, claims and drawing
 - ii. ☐ Front page only
 - c. ☒ Preliminary amendment (37 C.F.R. § 1.121)
 - d. ☐ Other

15. ☒ The above checked items are being transmitted
- a. ☒ before 30 months from any claimed priority date.
 - b. ☐ after 30 months.
16. ☐ Certain requirements under 35 U.S.C. § 371 were previously submitted by the applicant on _____, namely:

AUTHORIZATION TO CHARGE ADDITIONAL FEES

WARNING: Accurately count claims, especially multiple dependant claims, to avoid unexpected high charges if extra claims are authorized.

NOTE: "A written request may be submitted in an application that is an authorization to treat any concurrent or future reply, requiring a petition for an extension of time under this paragraph for its timely submission, as incorporating a petition for extension of time for the appropriate length of time. An authorization to charge all required fees, fees under § 1.17, or all required extension of time fees will be treated as a constructive petition for an extension of time in any concurrent or future reply requiring a petition for an extension of time under this paragraph for its timely submission. Submission of the fee set forth in § 1.17(a) will also be treated as a constructive petition for an extension of time in any concurrent reply requiring a petition for an extension of time under this paragraph for its timely submission." 37 C.F.R. § 1.136(a)(3).

NOTE: "Amounts of twenty-five dollars or less will not be returned unless specifically requested within a reasonable time, nor will the payer be notified of such amounts; amounts over twenty-five dollars may be returned by check or, if requested, by credit to a deposit account." 37 C.F.R. § 1.26(a).

- ☒ Please charge, in the manner authorized above, the following additional fees that may be required by this paper and during the entire pendency of this application:

☒ 37 C.F.R. § 1.492(a)(1), (2), (3), and (4) (filing fees)

WARNING: Because failure to pay the national fee within 30 months without extension (37 C.F.R. § 1.495(b)(2)) results in abandonment of the application, it would be best to always check the above box.

☒ 37 C.F.R. § 1.492(b), (c) and (d) (presentation of extra claims)

NOTE: Because additional fees for excess or multiple dependent claims not paid on filing or on later presentation must only be paid or these claims cancelled by amendment prior to the expiration of the time period set for response by the PTO in any notice of fee deficiency (37 C.F.R. § 1.492(d)), it might be best not to authorize the PTO to charge additional claim fees, except possible when dealing with amendments after final action.

☒ 37 C.F.R. § 1.17 (application processing fees)

☒ 37 C.F.R. § 1.17(a)(1)-(5) (extension fees pursuant to § 1.136(a).

☐ 37 C.F.R. § 1.18 (issue fee at or before mailing of Notice of Allowance, pursuant to 37 C.F.R. § 1.311(b))

NOTE: Where an authorization to charge the issue fee to a deposit account has been filed before the mailing of a Notice of Allowance, the issue fee will be automatically charged to the deposit account at the time of mailing the notice of allowance. 37 C.F.R. § 1.311(b).

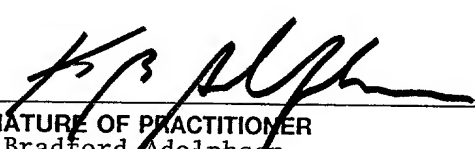
NOTE 37 C.F.R. § 1.28(b) requires "Notification of any change in loss of entitlement to small entity status must be filed in the application . . . prior to paying, or at the time of paying . . . issue fee." From the wording of 37 C.F.R. § 1.28(b): (a) notification of change of status must be made even if the fee is paid as "other than a small entity" and (b) no notification is required if the change is to another small entity.

☒ 37 C.F.R. § 1.492(e) and (f) (surcharge fees for filing the declaration and/or filing an English translation of an International Application later than 30 months after the priority date).

Reg. No.: 30,927

Tel. No.: (203) 261-1234

Customer No.: 004955


SIGNATURE OF PRACTITIONER

K. Bradford Adolphson

Ware, Fressola, Van der Sluys & Adolphson LLP

(type or print name of practitioner)

Bradford Green, Bldg. 5, 755 Main Street

P.O. Address

P.O. Box 224, Monroe, CT 06468

10/031297
531 Rec'd PGT/PTC 14 JAN 2002
PATENT
Attorney Docket No.
525-022-4

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the matter of: Dani Duroj

Serial No.:

Filed: herewith

For: INFORMATION CARRIER

Assistant Commissioner for Patents
Washington, DC 20231

AMENDMENT ACCOMPANYING NEW APPLICATION

Sir:

Please amend the accompanying application as follows:

In the specification:

Replace the paragraph beginning at page 3, line 18, with the following rewritten paragraph:

-- In a further embodiment, the provider or possessor of the service is a commercial company or an organization. --

In the claims:

On page 9, line 1, change "Claims" to -- What is claimed is: --.

Express Mail No. EV005525138US

Cancel all existing claims and add the following new claims:

19. (New) An information carrier having a credit card size and providing access to information in a network, the information carrier comprising:

- (a) devices for storage and creation of a code key for access to at least one service in a network that is only available for a user of the carrier, whereby the at least one service is directly adapted solely for needs of the user and is chosen from a group consisting of automatically connecting the user to a particular seminar and automatically connecting the user to a group which maintains contact with each other via the carrier;
- (b) a device for at least one pointer that automatically directs the user to at least one specific server for the at least one service following activation of the carrier, whereby the information carrier is designed in a format that is comfortable to carry and to be borne by a person, whereby a provider of the at least one service provides the at least one service for the user by assignment of the carrier, and whereby dynamic communication is allowed between the user and the

provider of the at least one service that is comprised in the carrier; and

- (c) devices for storage and activation of a web browser that is specifically designed for requirements of the user.

20. (New) Information carrier according to claim 19, wherein the at least one service is designed without participation of the user.

21. (New) Information carrier according to claim 19, wherein the carrier is a compact disc.

22. (New) Information carrier according to claim 21, wherein the compact disc has a perimeter smaller than standard charge cards.

23. (New) Information carrier according to claim 21, wherein the compact disc has a perimeter smaller than standard smart cards.

24. (New) Information carrier according to claim 19, wherein the web browser is specific for the user and in this way does not depend on standard Internet language HTML, whereby the web browser allows access to other networks with databases, and

permits communication using other languages suitable for such purposes.

25. (New) Information carrier according to claim 19, wherein the provider is chosen from a group consisting of a commercial company and an organization.

26. (New) Information carrier according to claim 25, wherein the at least one service of automatically connecting the user to a group comprises the user being updated by a commissioner concerning information from a principal location.

27. (New) Information carrier according to claim 25, wherein the at least one service comprises the user being updated by a commissioner concerning information from a manager.

28. (New) Information carrier according to claim 19, wherein the at least one service of automatically connecting the user to a particular seminar comprises providing access to a video conference over a network.

29. (New) Information carrier according to claim 19, wherein the at least one service of automatically connecting the user to a group comprises notifying the user of all rights and benefits that the user has received, which rights and benefits have been initiated by the carrier depending on a choice thereof.

30. (New) Method for accessing information in a network comprising the steps of:

- (a) providing an information carrier having a credit card size whereby the information carrier is designed to be in a format that is comfortable to carry and to be borne by a person;
- (b) creating and storing a code key on the carrier for access to at least one service available for the user, the provider of the service provides the at least one service for the user by assignment of the carrier, the at least one service is chosen from a group consisting of automatically connecting the user to a particular seminar and automatically connecting the user to a group which maintains contact with each other via the carrier;
- (c) activating a web browser via the carrier that is specifically designed for requirements of the user; and
- (d) automatically directing the user, via the carrier, to at least one specific server for the at least one service following activation of the carrier by at least one pointer thereby allowing dynamic communication

between the user and the provider of the at least one service.

31. (New) Method according to claim 30, wherein the service is designed without participation of the user.

32. (New) Method according to claim 30, wherein the carrier is a compact disc.

33. (New) Method according to claim 32, wherein the compact disc has a perimeter smaller than standard charge cards.

34. (New) Method according to claim 32, wherein the compact disc has a perimeter smaller than standard smart cards.

35. (New) Method according to claim 30, wherein the web browser is specific for the user and in this way does not depend on standard Internet language HTML, whereby the web browser allows access to other networks with databases and permits communication using other languages suitable for such purposes.

36. (New) Method according to claim 30, wherein the provider is chosen from a group consisting of a commercial company and an organization.

37. (New) Method according to claim 36, wherein the at least one service of automatically connecting the user to a group comprises the user being updated by a commissioner concerning information from a principal location.

38. (New) Method according to claim 36, wherein the at least one service of automatically connecting the user to a group comprises the user being updated by a commissioner concerning information from a manager.

39. (New) Method according to claim 30, wherein the at least one service of automatically connecting the user to a particular seminar comprises providing access to a video conference over a network.

40. (New) Method according to claim 30, wherein the at least one service of automatically connecting the user to a group comprises notifying the user of all rights and benefits that the user has received, which rights and benefits have been initiated by the carrier depending on the choice of thereof.

REMARKS

This preliminary amendment makes changes to the specification and claims of the above-referenced patent application to place the application in better form for examination.

Respectfully submitted,

Dated: 1/14/2002

By 

K. Bradford Adolphson
Attorney for Applicant
Registration No. 30,927

WARE, FRESSOLA, VAN DER SLUYS
& ADOLPHSON LLP
Bradford Green,

Information carrier**Technical field**

The present invention concerns a device in the form of an information carrier and a method for access to information via an information carrier. A specific embodiment of the device comprises that it is designed to be the size of a credit card or a smart card, with a storage medium, such as a CD storage medium, on the card.

Prior art

It has long been possible to store information in the form of sound, images, text, etc., on what are known as "CD" discs ("Compact Discs") for access to the information. The information is written into and stored in a layer of material of the disc that has been processed for this purpose, and then becomes available when the CD disc is placed into a reader unit, known as a "CD player" or "CD reader". The CD reader reads the available information, whereby it in turn can be connected to a loudspeaker system, image monitor or similar presentation devices.

A further type of disc exists, which has been named "DVD" ("Digital Versatile Disc"). This disc is mainly used for two functions: DVD-video and DVD-ROM (DVD Read Only Memory). DVD-video stores video recordings that are presented through a DVD-player connected to a television set. DVD-ROM stores information that is, in principle, the same as the information stored in a computer, whereby the information becomes available in the same way as when using a television set, but in this case through a computer. Information stored on a CD can be deleted, in exactly the same way as that stored on a DVD, whereby the CD and the DVD can be re-used for storage of new information. Further, a DVD disc in the form of what is known as "audio format" exists.

A DVD can store information in several layers in the disc, and thus it can be said to comprise a faster CD with larger capacity. Major advantages of both the CD- and the DVD-technique are that storage and retrieval of information is achieved relatively free of disturbance, and that the discs are very insensitive to external influences.

In the remainder of the present document, the expression "CD" will be used to cover also DVD and other similar digital information carriers.

Recently, a CD-card has been constructed that is square within an ordinary charge card or smart card, and which uses CD information technology. The construction is such that a mini-CD is cut to a square boundary, but with a mini-CD information carrier within the perimeter of the card, that is: a circular storage unit functioning as a CD unit is located

on the card. The cards can be placed into a conventional CD reader for reading.

The German "Gebrauchsmuster" DE, U1, 29616619 and DE, U1, 29709648 are examples of such cards. The size of the card corresponds to the size of a normal credit card.

5 One problem with all forms of charge card, credit card, smart card, etc., (not necessarily provided with a CD storage unit) is that they are dedicated to one static function, such as cards for the withdrawal of money, cards for making purchases, attendance cards, membership cards, telephone cards, etc. The expression "the card has one static function" is used to mean that an active dialogue cannot be carried out between a
10 user of the card and the connection to which the card is an interface. This means that the communication between the user and the connection is predetermined, whereby a dynamic communication is prevented. There may exist a requirement for a dynamic communication between a user and the connection when the preconditions on which the communication is based alter during the communication. A dynamic communication is also required when
15 the card mediates in a social contact. The examples given above of requirements for a dynamic communication are two out of a multitude of other possible examples.

It is thus one intention of the present invention to specify a device in the form of an information carrier and a method for the same that offers dynamic communication opportunities for a user of the information carrier and for the connection that the carrier
20 mediates according to the attached independent claims. Further specific embodiments of the invention are specified hereby by the non-independent claims.

Summary of the described invention

The present invention specifies a device in the form of an information carrier and a method concerning the device for access to information in a network, whereby the carrier,
25 among other things, solves the problems associated with dynamic communication for a user and the provider of a service that is comprised in the card.

The device is in the form of an information carrier for access to network information. It allows dynamic communication for a user and the provider of a service that is comprised in the carrier, whereby it comprises:

30 devices for storage and creation of a code key for access to at least one service in a network that is only available for the user of the carrier, whereby the service is directly adapted solely for the needs of the user;

devices for at least one pointer that automatically directs the user to at least one

specific server for the said service following activation of the carrier;

devices for storage and activation of a web browser that is specifically designed for the requirements of the said user; and

whereby the information carrier is designed in a format that is comfortable to carry and to be borne by a person, and whereby the provider of the service provides the service for the user by assignment of the carrier.

In one embodiment of the invention, the service is designed by the provider without participation of the user.

The carrier in one embodiment of the invention can be a Compact Disc (CD, DVD, etc.).

The Compact Disc in one embodiment of the invention is comprised in a card where parts of its perimeter are always less than the standard for the size of charge cards or smart cards.

The browser in one embodiment of the invention is designed to be specific for a specific user and thus does not depend on the standard Internet language HTML, whereby it allows access to other networks with databases, with which it is possible to communicate using other languages suitable for such purposes.

In a further embodiment, the provider or possessor of the service is a commercial company or an organisation.

In yet a further embodiment of the present invention, the service comprises the provision of updates for the user from his or her commissioner concerning information from a principal location or from a manager.

A further embodiment of the invention comprises the service providing access to a video conference over a network.

A further embodiment is that the service comprises all the rights and benefits that the user has received, which rights and benefits have been initiated by the carrier depending on the choice of right or benefit.

Further, the present invention specifies a method concerning a device in the form of an information carrier for access to network information. It allows a dynamic communication for a user and the provider of a service that is comprised in the card, whereby the following are achieved:

storage and creation of a code key on the carrier for access to at least one service in the network that is only available for the user of the carrier, whereby the service is directly

adapted solely for the needs of the user;

automatic direction of the user, via the carrier, to at least one specific server for the said service following activation of the carrier by a pointer;

storage and activation of a web browser on the carrier that is specifically designed
5 for the requirements of the said user; and

whereby the information carrier is designed in a format that is comfortable to carry and to be borne by a person, and whereby the provider of the service provides the service for the user by assignment of the carrier.

Furthermore, the method comprises embodiments according to those presented above
10 for the device and according to the attached claims for the method.

Brief description of the drawings

In the remainder of the present descriptive text, reference will be made to the attached drawings in order to obtain a better understanding of the invention and its embodiments, whereby:

15 **Fig. 1** illustrates an embodiment of an information carrier according to the present invention;

Fig. 2 illustrates an application for the information carrier according to fig. 1; and

Fig. 3 illustrates a further application for the information carrier according to fig. 1.

Detailed description of preferred embodiments

20 The device and the method according to the present invention are preferably concerned with an information carrier in the form of a conventional rectangular card in the format of a credit card, charge card or smart card according to standards for such. The cards are provided with a storage medium such as CD, DVD, active circuit or similar. It is not excluded that a CD, computer diskette or DVD according to the standards for these
25 may in themselves be information carriers.

An embodiment of an information carrier according to the present invention is shown in fig. 1. The information carrier 10 here has been achieved in the form of a rectangular card with rounded corners in order for it to be placed for reading into a CD reader or similar. The card comprises a CD 12.

30 The card, as an information carrier, can contain any information whatsoever on the CD 12 according to a provider of the card, for example any form of multimedia information 14 (marked with an arrow in fig. 1), music, films, games, etc.

The card comprises, here on the CD storage unit 12, devices for storage and creation

of a code key 16, labelled with a right-pointing arrow in fig. 1, for access to at least one service available in the network that is for the sole use of one user of the carrier. The service is directly adapted only to the requirements of the user. The device for storage and/or creation of the code key is preferably a driver or a program module that is comprised on the CD 12. The key is designed in order to provide access to the specific service that is comprised on the carrier. The key 16 provides access to, for example, a protected information point on an intranet, databases, admittance cards, etc.

The CD 12 further comprises a device for at least one pointer 18 that automatically directs a user to at least one specific server for the said service when the carrier 10 is activated. The device for the pointer can consist of, for example, a driver or a program module suitable for the purpose. The pointer 18 automatically directs the user of the carrier 10 towards portals, a home page selected by the said service, club memberships, etc.

Furthermore, the CD 12 in the carrier 10 contains devices for the storage and activation of a web browser that has been specifically designed for the requirements of the user. This means that the user of a service that is comprised on the carrier obtains access to a web browser that has been uniquely constructed precisely for that service that the provider of the service wants a user to have, that is: the web browser can be designed for other coding languages than HTML (Hypertext Mark-up Language) so that networks other than the Internet can be reached by the user. The web browser allows information 14 to be read and allows the information to be read that exists on the network that the user of the carrier 10 is connected to. Normal known web browsers are Lynx[®], NCSA Mosaic, Netscape Navigator[®] and Internet Explorer[®].

When a user connects to a network or a database, the web browser allows both the provider and the user of the network to communicate dynamically with each other, with the information that the network contains, for example, to formulate their own questions that are not pre-programmed in the storage unit 12 on the carrier 10.

Fig. 2 illustrates an application of the carrier 10 according to the present invention. A customer of a shop or of a larger shop group receives a carrier 10, for example a bonus card, that is unique for the shop and/or the customer, with its own web browser 20 from the shop (the provider of a carrier). When the card is introduced into, for example, a CD reader 22 in a PC 24 at the customer's home 26, the customer is automatically connected to the home page 27 of the shop, here over the Internet 29 to the database server 25 of the shop, and for the bonus card through the device for the code key 16 and the pointer 18. The

automatic connection solves a major problem for a user who is not familiar with using computers.

The customer's carrier 10 is swept in the shop 28 through the shop's magnetic reader 30 for registration of the bonus. The carrier 10 or a cover 32 can be provided with a conventional magnetic stripe 34 for credit cards. The bonus is thus registered, for example, in the local server 36 of the shop, which, for example, upgrades the bonus in the main server 25 of the shop or chain of shops over the Internet 29.

The customer can purchase goods through the customer's own home page 27 for the shop 28, receive advertising and place orders, make complaints, submit suggestions for improvement, etc. A really flexible dynamic method of communication between the provider 28 of the carrier 10 and the customer is achieved by the carrier 10 according to the present invention. The carrier 10 can also contain devices for automatic network telephony if the provider 28 provides that service.

The application according to fig. 2 shows a "point-to-point" bonus system, that is, bonus both at home and in the shop.

A further example of the use of an information carrier 10 according to the present invention is shown in fig. 3. The figure shows a method for conducting a seminar over the Internet 29. The carrier 10 has a code key 16 for connection to the relevant seminar via the device for this, and on the carrier is found the device for the pointer to the relevant server 38 and the software 14 that is comprised with a web browser 20 that is unique for the seminar, whereby the software with the device for producing the code key 16 and the device for the pointer 18 automatically connect those who have received the carrier 10 for the particular seminar or a group of researchers who maintain contact with each other over the seminar carrier 10.

Thus the carrier 10 automatically initiates a connection to the seminar and lists any participants or companies that may be present. Images, sound or animations comprised in the carrier 10 are mixed with similar images, sound or animations from the server 38, whereby the carrier 10 with its software and the unique web browser 20 collaborate in order to achieve the absolutely shortest download time for the code that is assigned by the server 38 to be displayed for a user.

The interactive nature (the dynamism) is complete when the provider of the seminar carrier 10 or the host for the same can follow the activity of the users and communicate with them at any time, and vice versa.

A carrier according to the present invention allows, among other things, that all activity can be retrieved on a freely chosen occasion, which makes efficient follow-up and a comprehensive customer database possible.

Further examples of areas of application for an information carrier 10 according to the present invention follow below:

Example 1. As a company card 10 for, for example, a consultancy company in which the operations are seldom or never carried out on their own premises, whereby an employee can maintain contact with the company and other employees by means of the card 10, and in this way obtain the opportunity for feeling a sense of community with the company.

Example 2. As a business card 10, whereby the business card, for example, connects to a home page on the Internet 29 such that essentially all information about the company, etc., concerning the person for whom the card has been issued is presented.

Example 3. In order physically to open the doors of premises.

Example 4. As an entry ticket to events.

Example 5. As a membership card for clubs and societies.

Example 6. As a card to unlock or allow access to a vehicle, where the card automatically mediates adjustments such as the adjustment of mirrors, the code for the radio, etc. In short, the profile of the owner of the vehicle over the communication network of the vehicle. A further card or the same card can contain profiles of members of the family.

Example 7. As a carrier for connection to a particular video conference.

Of course, there exist many further ways in which an information carrier according to the present invention will be useful. The desired interactivity and dynamism is comprised in the examples and embodiments described above.

Furthermore, the invention comprises a method concerning a device according to the above in the form of an information carrier 10 for access to information in a network. The device thus allows dynamic communication for a user and a provider 28 of a service that is comprised in the carrier, whereby the following are achieved:

storage and creation of a code key 16 on the carrier for access to at least one service in a network 29 that is only available for the user of the carrier, whereby the service is directly adapted solely for the needs of the user;

automatic direction via the carrier of the user to at least one specific server for the said service following activation of the carrier by a pointer 18;

storage and activation of a web browser on the carrier that is specifically designed for the requirements of the said user; and

5 whereby the information carrier is designed in a format that is comfortable to carry and to be borne by a person, and whereby the provider of the service provides the service for the user by assignment of the carrier 10.

Other characteristics of the device described above are comprised also in the method.

10 The present invention has been described in this document using preferred embodiments and examples, but it is not for this reason limited to cover only these. Rather, it is the extent of the attached claims that defines the invention for one skilled in the arts in this technical area.

Claims

1. Device in the form of an information carrier (10) in the size of a credit card for access to information (27) in a network, comprising:

5 devices for storage and creation of a code key (16) for access to at least one service in a network (29) that is only available for the user of the carrier (10), whereby the service is directly adapted solely for the needs of the user, devices for at least one pointer (18) that automatically directs the user to at least one specific server (25, 36, 38) for the said service following activation of the carrier (10), whereby the information carrier (10) is designed in a format that is comfortable to carry and to be borne by a person, and whereby a provider
10 (28) of the service provides the service for the user by assignment of the carrier (10),
c h a r a c t e r i s e d in that it allows dynamic communication for a user and a provider (28) of a service that is comprised in the carrier (10), whereby it comprises:

devices (12, 14) for storage and activation of a web browser that is specifically designed for the requirements of the said user;

15 said device for the pointer (18) automatically connecting those who have received the carrier (10) for a particular seminar or a group, who maintain contact with each other over the carrier (10), conducting the seminar.

2. Device according to claim 1, **c h a r a c t e r i s e d** in that the service is designed without the participation of the user.

20 3. Device according to claims 1 and 2, **c h a r a c t e r i s e d** in that the actual carrier is a Compact Disc.

4. Device according to claim 3, **c h a r a c t e r i s e d** in that the Compact Disc is comprised in a carrier (10) where parts of its perimeter are always smaller than the standard for the size of charge cards or smart cards.

25 5. Device according to claims 1-4, **c h a r a c t e r i s e d** in that the web browser (20) is specific for the user and in this way does not depend on the standard Internet language HTML, whereby it allows access to other networks with databases, with which it is possible to communicate using other languages [suitable] for such purposes.

30 6. Device according to claims 1-5, **c h a r a c t e r i s e d** in that the provider (28) is a commercial company (28) or an organisation.

7. Device according to claim 6, **c h a r a c t e r i s e d** in that the service comprises the user being updated by his or her commissioner concerning information from a principal location or from a manager.

8. Device according to claims 1-7 **c h a r a c t e r i s e d** in that the service comprises access to a video conference over a network.

9. Device according to claims 1-8, **c h a r a c t e r i s e d** in that the service comprises all the rights and benefits that the user has received, which rights and benefits
5 have been initiated by the carrier (10) depending on the choice of right or benefit.

10. Method concerning a device in the form of an information carrier (10) in the size of a credit card for access to information (27) in a network, storage or creation of a code key (16) on the carrier for access to at least one service in a network (29) that is only available for the user of the carrier (10), whereby the service is directly adapted solely for
10 the needs of the user, storage and activation of a web browser (20) on the carrier that is specifically designed for the requirements of the said user, whereby the information carrier (10) is designed to be in a format that is comfortable to carry and to be borne by a person, and whereby the provider (28) of the service provides the service for the user by assignment of the carrier, **c h a r a c t e r i s e d** in that it allows dynamic
15 communication for a user and a provider (28) of a service that is comprised in the carrier (10), whereby the following are achieved:

automatic direction of the user, via the carrier, to at least one specific server for the said service following activation of the carrier by a pointer (18); and

said pointer (18) automatically connecting those who have received the carrier (10)
20 for a particular seminar or a group, who maintain contact with each other over the carrier (10), conducting the seminar.

11. Method according to claim 10, **c h a r a c t e r i s e d** in that the service is designed without the participation of the user.

12. Method according to claims 10 and 11, **c h a r a c t e r i s e d** in that the
25 actual carrier (10) is a Compact Disc.

13. Method according to claim 12, **c h a r a c t e r i s e d** in that the Compact Disc is comprised in a carrier (10) where parts of its perimeter are always smaller than the standard for the size of charge cards or smart cards.

14. Method according to claims 10-13, **c h a r a c t e r i s e d** in that the web
30 browser (20) is specific for the user and in this way does not depend on the standard Internet language HTML, whereby it allows access to other networks with databases, with which it is possible to communicate using other languages [suitable] for such purposes.

15. Method according to claims 10-14, **c h a r a c t e r i s e d** in that the

provider (28) is a commercial company or an organisation.

16. Method according to claim 15, **c h a r a c t e r i s e d** in that the service comprises the user being updated by his or her commissioner concerning information from a principal location or from a manager.

5 17. Method according to claims 10-16 **c h a r a c t e r i s e d** in that the service comprises access to a video conference over a network (29).

18. Method according to claims 10-17, **c h a r a c t e r i s e d** in that the service comprises all the rights and benefits that the user has received, which rights and benefits have been initiated by the carrier (10) depending on the choice of right or benefit.

10 -----

POINTER

Leads to a
dedicated server

- PORTALS
- SELECTED HOMEPAGE
- CLUB MEMBERSHIP

18

16

POINTER

Opens protected
Information

- INTRANET ACCESS
- DATABASE ACCESS
- ENTRANCE CARDS

CARRIER

Contains all types
Of multimedia
Information

- FILMS
- MUSIC
- GAMES

14

12

10

Fig. 1

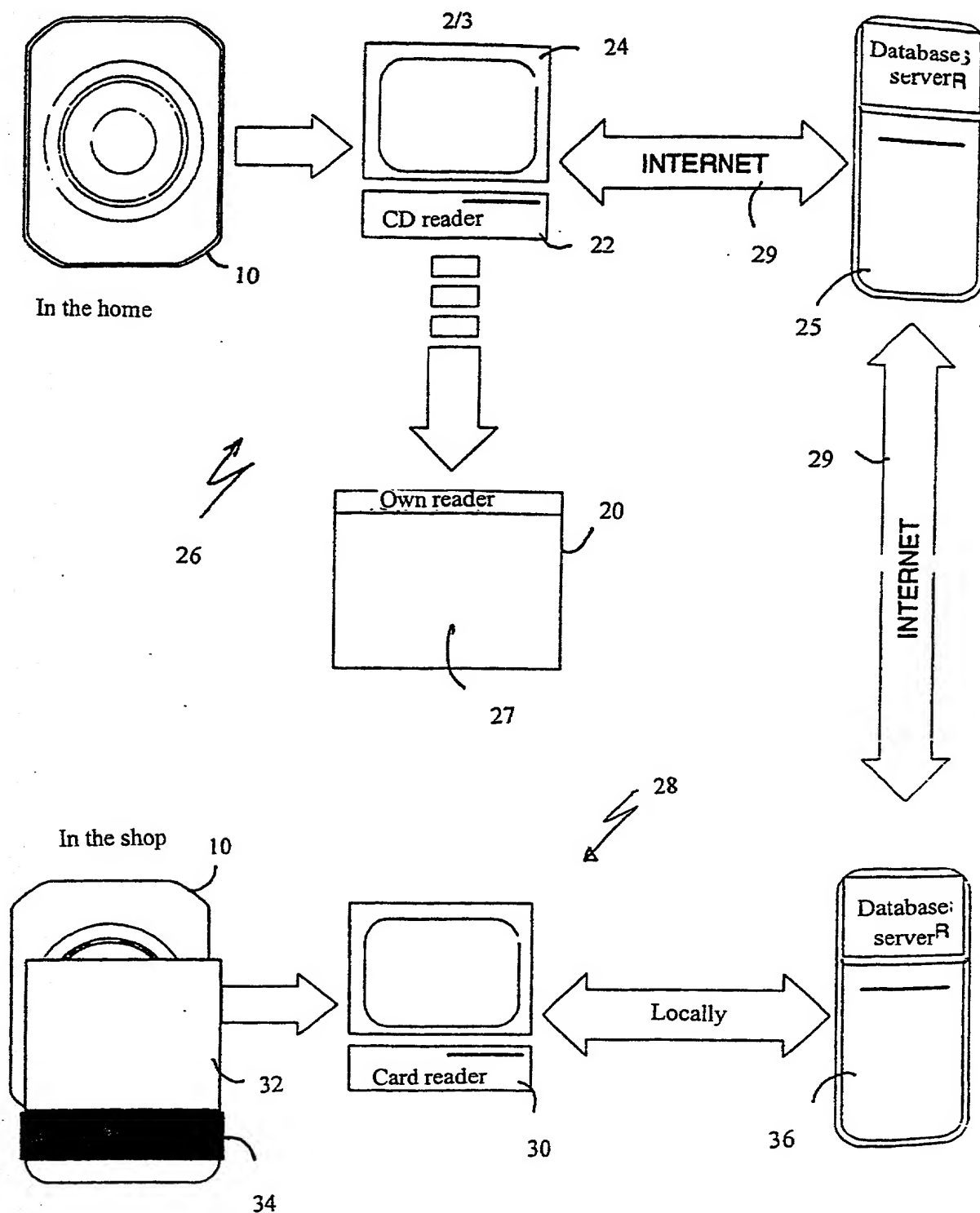


Fig. 2

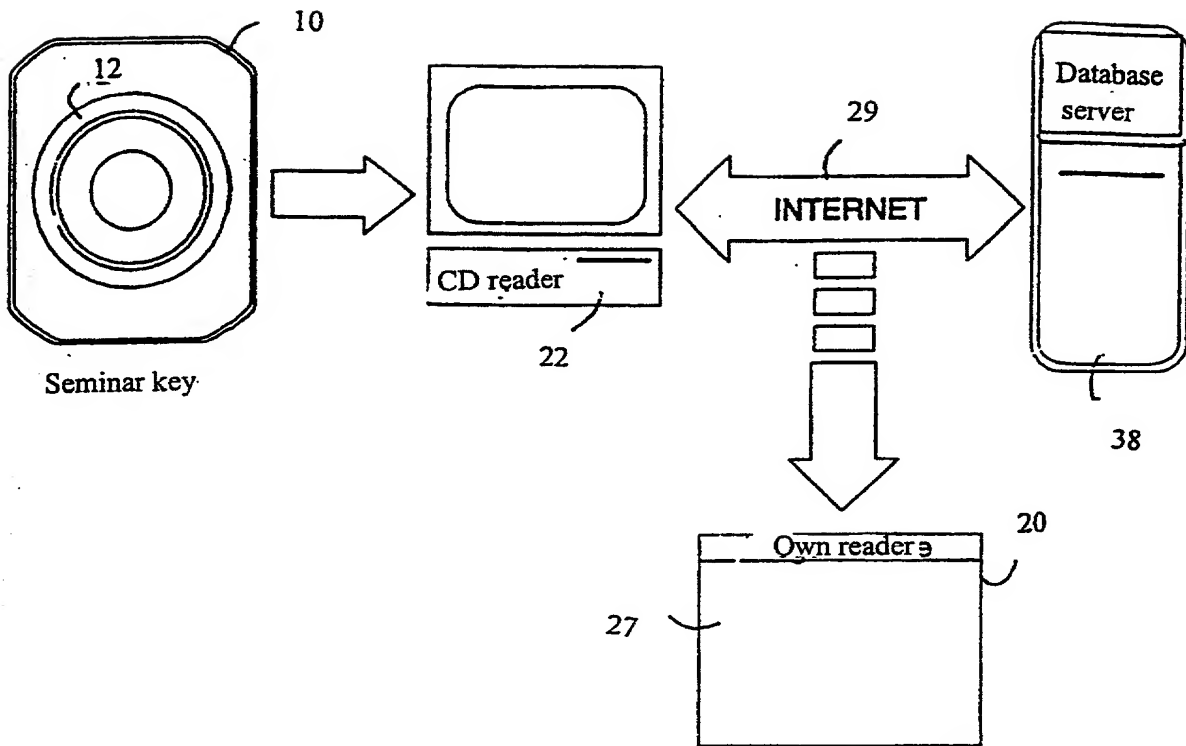


Fig. 3

Practitioner's Docket No. 525-022-4**PATENT****COMBINED DECLARATION AND POWER OF ATTORNEY**(ORIGINAL, DESIGN, NATIONAL STAGE OF PCT, SUPPLEMENTAL, DIVISIONAL,
CONTINUATION, OR C-I-P)

As a below named inventor, I hereby declare that:

TYPE OF DECLARATION

This declaration is of the following type:

(check one applicable item below)

☐ original.☐ design.

NOTE: With the exception of a supplemental oath or declaration submitted in a reissue, a supplemental oath or declaration is not treated as an amendment under 37 CFR 1.312 (Amendments after allowance). M.P.E.P. § 714.16, 7th Edition.

☐ supplemental.

NOTE: If the declaration is for an International Application being filed as a divisional, continuation or continuation-in-part application, do not check next item; check appropriate one of last three items.

☒ national stage of PCT.

NOTE: If one of the following 3 items apply, then complete and also attach ADDED PAGES FOR DIVISIONAL, CONTINUATION OR C-I-P.

NOTE: See 37 C.F.R. § 1.63(d) (continued prosecution application) for use of a prior nonprovisional application declaration in the continuation or divisional application being filed on behalf of the same or fewer of the inventors named in the prior application.

☐ divisional.☐ continuation.

NOTE: Where an application discloses and claims subject matter not disclosed in the prior application, or a continuation or divisional application names an inventor not named in the prior application, a continuation-in-part application must be filed under 37 C.F.R. § 1.53(b) (application filing requirements — nonprovisional application).

☐ continuation-in-part (C-I-P).**INVENTORSHIP IDENTIFICATION**

WARNING: If the inventors are each not the inventors of all the claims, an explanation of the facts, including the ownership of all the claims at the time the last claimed invention was made, should be submitted.

My residence, post office address and citizenship are as stated below, next to my name. I believe that I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter that is claimed, and for which a patent is sought on the invention entitled:

TITLE OF INVENTIONINFORMATION CARRIER

(Declaration and Power of Attorney [1-1]—page 1 of 7)

Express Mail No.

EV005526235US

SPECIFICATION IDENTIFICATION

the specification of which:

(complete (a), (b), or (c))

(a) ☐ is attached hereto.

NOTE: "The following combinations of information supplied in an oath or declaration filed on the application filing date with a specification are acceptable as minimums for identifying a specification and compliance with any one of the items below will be accepted as complying with the identification requirement of 37 CFR 1.63:

"(1) name of inventor(s), and reference to an attached specification which is both attached to the oath or declaration at the time of execution and submitted with the oath or declaration on filing;

"(2) name of inventor(s), and attorney docket number which was on the specification as filed;
or

"(3) name of inventor(s), and title which was on the specification as filed."

Notice of July 13, 1995 (1177 O.G. 60).

(b) ☐ was filed on _____, as ☐ Serial No. 0 / _____
or ☐ _____
and was amended on _____ (if applicable).

NOTE: Amendments filed after the original papers are deposited with the PTO that contain new matter are not accorded a filing date by being referred to in the declaration. Accordingly, the amendments involved are those filed with the application papers or, in the case of a supplemental declaration, are those amendments claiming matter not encompassed in the original statement of invention or claims. See 37 C.F.R. § 1.67.

NOTE: "The following combinations of information supplied in an oath or declaration filed after the filing date are acceptable as minimums for identifying a specification and compliance with any one of the items below will be accepted as complying with the identification requirement of 37 CFR 1.63:

"(A) application number (consisting of the series code and the serial number, e.g., 08/123,456);

"(B) serial number and filing date;

"(C) attorney docket number which was on the specification as filed;

"(D) title which was on the specification as filed and reference to an attached specification which is both attached to the oath or declaration at the time of execution and submitted with the oath or declaration; or

"(E) title which was on the specification as filed and accompanied by a cover letter accurately identifying the application for which it was intended by either the application number (consisting of the series code and the serial number, e.g., 08/123,456), or serial number and filing date. Absent any statement(s) to the contrary, it will be presumed that the application filed in the PTO is the application which the inventor(s) executed by signing the oath or declaration."

M.P.E.P. § 601.01(a), 7th Ed.

(c) ☒ was described and claimed in PCT International Application No. PCT/SE00/01482, filed on July 12, 2000 and as amended under PCT Article 19 on August 23, 2001 (if any).

SUPPLEMENTAL DECLARATION (37 C.F.R. § 1.67(b))

(complete the following where a supplemental declaration is being submitted)

☒ I hereby declare that the subject matter of the

☐ attached amendment

☒ amendment filed on Jan. 14, 2002

was part of my/our invention and was invented before the filing date of the original application, above-identified, for such invention.

ACKNOWLEDGEMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information, which is material to patentability as defined in 37, Code of Federal Regulations, § 1.56,

(also check the following items, if desired)

☐ and which is material to the examination of this application, namely, information where there is a substantial likelihood that a reasonable Examiner would consider it important in deciding whether to allow the application to issue as a patent, and

☐ in compliance with this duty, there is attached an information disclosure statement, in accordance with 37 C.F.R. § 1.98.

PRIORITY CLAIM (35 U.S.C. §§ 119(a)-(d))

NOTE: "The claim to priority need be in no special form and may be made by the attorney or agent if the foreign application is referred to in the oath or declaration as required by § 1.63. The claim for priority and the certified copy of the foreign application specified in 35 U.S.C. 119(b) must be filed in the case of an interference (§ 1.630), when necessary to overcome the date of a reference relied upon by the examiner, when specifically required by the examiner, and in all other situations, before the patent is granted. If the claim for priority or the certified copy of the foreign application is filed after the date the issue fee is paid, it must be accompanied by a petition requesting entry and by the fee set forth in § 1.17(i). If the certified copy is not in the English language, a translation need not be filed except in the case of interference; or when necessary to overcome the date of a reference relied upon by the examiner; or when specifically required by the examiner, in which event an English language translation must be filed together with a statement that the translation of the certified copy is accurate." 37 C.F.R. § 1.55(a).

I hereby claim foreign priority benefits under Title 35, United States Code, §§ 119(a)-(d) of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed.

(complete (d) or (e))

(d) ☐ no such applications have been filed.

(e) ☒ such applications have been filed as follows.

NOTE: Where item (c) is entered above and the International Application which designated the U.S. itself claimed priority check item (e), enter the details below and make the priority claim.

**PRIOR FOREIGN/PCT APPLICATION(S) FILED WITHIN 12 MONTHS
(6 MONTHS FOR DESIGN) PRIOR TO THIS APPLICATION
AND ANY PRIORITY CLAIMS UNDER 35 U.S.C. § 119(a)-(d)**

COUNTRY (OR INDICATE IF PCT)	APPLICATION NUMBER	DATE OF FILING (day, month, year)	PRIORITY CLAIMED UNDER 37 USC 119
Sweden	9902710-4	15 July 1999	<input checked="" type="checkbox"/> YES NO <input type="checkbox"/>
			<input type="checkbox"/> YES NO <input type="checkbox"/>
			<input type="checkbox"/> YES NO <input type="checkbox"/>
			<input type="checkbox"/> YES NO <input type="checkbox"/>
			<input type="checkbox"/> YES NO <input type="checkbox"/>

CLAIM FOR BENEFIT OF PRIOR U.S. PROVISIONAL APPLICATION(S)
(34 U.S.C. § 119(e))

I hereby claim the benefit under Title 35, United States Code, § 119(e) of any United States provisional application(s) listed below:

PROVISIONAL APPLICATION NUMBER

FILING DATE

_____/_____
_____/_____
_____/_____

**CLAIM FOR BENEFIT OF EARLIER US/PCT APPLICATION(S)
UNDER 35 U.S.C. § 120**

- ☐ The claim for the benefit of any such applications are set forth in the attached ADDED PAGES TO COMBINED DECLARATION AND POWER OF ATTORNEY FOR DIVISIONAL, CONTINUATION OR CONTINUATION-IN-PART (C-I-P) APPLICATION.

**ALL FOREIGN APPLICATION(S), IF ANY, FILED MORE THAN 12 MONTHS
(6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION**

NOTE: If the application filed more than 12 months from the filing date of this application is a PCT filing forming the basis for this application entering the United States as (1) the national stage, or (2) a continuation, divisional, or continuation-in-part, then also complete ADDED PAGES TO COMBINED DECLARATION AND POWER OF ATTORNEY FOR DIVISIONAL, CONTINUATION OR C-I-P APPLICATION for benefit of the prior U.S. or PCT application(s) under 35 U.S.C. § 120.

POWER OF ATTORNEY

I hereby appoint the following practitioner(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

(list name and registration number)

(check the following item, if applicable)

- ☒ I hereby appoint the practitioner(s) associated with the Customer Number provided below to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.
- ☐ Attached, as part of this declaration and power of attorney, is the authorization of the above-named practitioner(s) to accept and follow instructions from my representative(s).

NOTE: "Special care should be taken in continuation or divisional applications to ensure that any change of correspondence address in a prior application is reflected in the continuation or divisional application. For example, where a copy of the oath or declaration from the prior application is submitted for a continuation or divisional application filed under 37 CFR 1.53(b) and the copy of the oath or declaration from the prior application designates an old correspondence address, the Office may not recognize, in the continuation or divisional application, the change of correspondence address made during the prosecution of the prior application. Applicant is required to identify the change of correspondence address in the continuation or divisional application to ensure that communications from the Office are mailed to the current correspondence address. 37 CFR 1.63(d)(4)." § 601.03, M.P.E.P., 7th Edition.

SEND CORRESPONDENCE TO

DIRECT TELEPHONE CALLS TO:
(Name and telephone number)

☒ Address
Ware, Fressola, Van der Sluys &
Adolphson LLP
755 Main Street, P.O. Box 224
Monroe, CT 06468

(203) 261-1234

☒ Customer Number 004955

(complete the following if applicable)

Since this filing is a ☐ continuation ☐ divisional there is attached hereto a Change of Correspondence Address so that there will be no question as to where the PTO should direct all correspondence.

(Declaration and Power of Attorney [1-1]—page 5 of 7)

DECLARATION

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

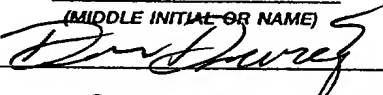
SIGNATURE(S)

NOTE: Carefully indicate the family (or last) name, as it should appear on the filing receipt and all other documents.

NOTE: Each inventor must be identified by full name, including the family name, and at least one given name without abbreviation together with any other given name or initial, and by his/her residence, post office address and country of citizenship. 37 CFR § 1.63(a)(3).

NOTE: Inventors may execute separate declarations/oaths provided each declaration/oath sets forth all the inventors. Section 1.63(a)(3) requires that a declaration/oath, inter alia, identify each inventor and prohibits the execution of separate declarations/oaths which each sets forth only the name of the executing inventor. 62 Fed. Reg. 53,131, 53,142, October 10, 1997.

Full name of sole or first inventor

Dani Duroj
(GIVEN NAME) (MIDDLE INITIAL OR NAME) FAMILY (OR LAST NAME)
Inventor's signature 
Date 2002 02 01 Country of Citizenship Sweden
Residence Bandhagen, Sweden SEX
Post Office Address Önskehemsgatan 43
Bandhagen, Sweden SE-124 54

Full name of second joint inventor, if any

(GIVEN NAME) (MIDDLE INITIAL OR NAME) FAMILY (OR LAST NAME)
Inventor's signature
Date Country of Citizenship
Residence
Post Office Address

Full name of third joint inventor, if any

(GIVEN NAME) (MIDDLE INITIAL OR NAME) FAMILY (OR LAST NAME)
Inventor's signature
Date Country of Citizenship
Residence
Post Office Address

(check proper box(es) for any of the following added page(s)
that form a part of this declaration)

☐ **Signature** for fourth and subsequent joint inventors. *Number of pages added* _____

* * *

☐ **Signature** by administrator(trix), executor(trix) or legal representative for deceased or incapacitated inventor. *Number of pages added* _____

* * *

☐ **Signature** for inventor who refuses to sign or cannot be reached by person authorized under 37 CFR 1.47. *Number of pages added* _____

* * *

☐ Added page for **signature** by one joint inventor on behalf of deceased inventor(s) where legal representative cannot be appointed in time. (37 CFR 1.47)

* * *

☐ Added pages to combined declaration and power of attorney for divisional, continuation, or continuation-in-part (C-I-P) application.

☐ Number of pages added _____

* * *

☒ Authorization of practitioner(s) to accept and follow instructions from representative.

* * *

(if no further pages form a part of this Declaration,
then end this Declaration with this page and check the following item)

☐ This declaration ends with this page.

**ADDED PAGE TO COMBINED DECLARATION AND POWER OF
ATTORNEY FOR AUTHORIZATION OF ATTORNEY(S) TO ACCEPT AND
FOLLOW INSTRUCTIONS FROM REPRESENTATIVE**

The undersigned to this declaration and power of practitioner hereby authorizes the U.S. practitioner(s) named herein to accept and follow instructions from

Stockholms Patentbyrå Zacco AB

Name(s) of authorized representative(s)

Box 23101

Address

SE-104 35 Stockholm, Sweden

as to any actions to be taken in the Patent and Trademark Office regarding this application without direct communication between the U.S. practitioner(s) and the undersigned. In the event of a change in the person(s) from whom instructions may be taken, the U.S. practitioner(s) will be so notified by the undersigned.